

## Anti-STAT1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

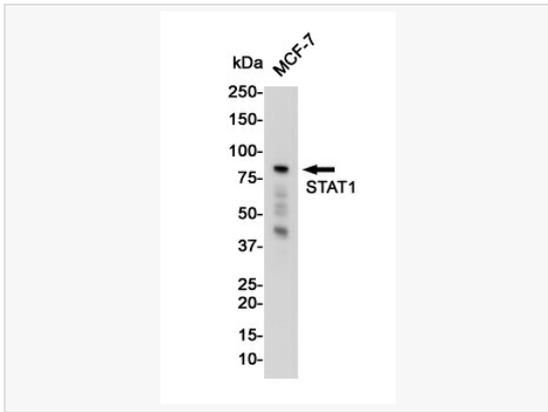
Catalog # R013089

### Product Information

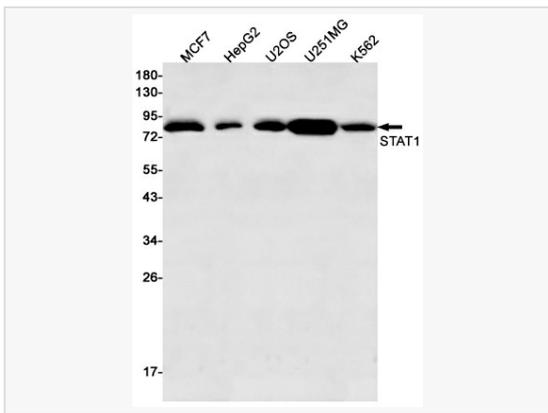
Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	83L56L16
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human STAT1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-STAT1 antibody [83L56L16] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

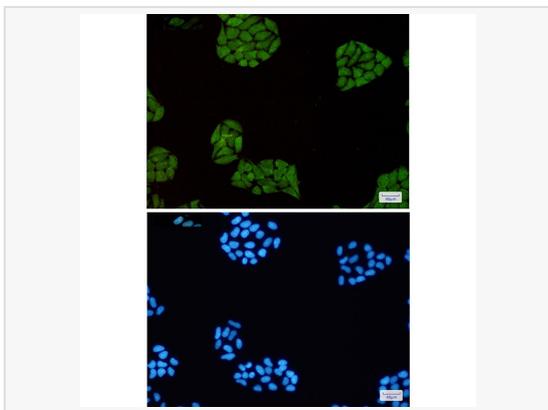
Synonyms	STAT1, Signal transducer and activator of transcription 1-alpha/beta, Transcription factor ISGF-3 components p91/p84.
Calculated MW	Calculated MW: 87 kDa; Observed MW: 87 kDa
Uniprot ID	P42224
Gene ID	6772
Background	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators.



Western blot analysis of STAT1 in MCF-7 lysates using STAT1 antibody.



Western blot analysis of STAT1 in MCF-7, HepG2, U2OS, U251MG, K562 lysates using STAT1 antibody.



Immunocytochemistry analysis of STAT1 (green) in HeLa using STAT1 antibody and DAPI (blue)